

Title (en)

PROCESS FOR THE PREPARATION OF FINE ISOTROPICAL FERRITE POWDER HAVING A SPINEL STRUCTURE

Publication

**EP 0176919 B1 19920108 (DE)**

Application

**EP 85112059 A 19850924**

Priority

DE 3435698 A 19840928

Abstract (en)

[origin: US4680130A] A process for the preparation of ferrite powders which have a particle fineness which can be set to a defined value, of the general composition  $M(II)xFe(II)1-xFe(III)2O_4$  and  $M(II)xFe(III)3-xO_{4.5-0.5x}$  where M is Mg, Mn, Co, Ni, Cu and/or Zn and x is from 0 to 1, and have an essentially isotropic particle shape.

IPC 1-7

**C01G 3/00**; **C01G 9/00**; **C01G 45/00**; **C01G 49/00**; **C01G 51/00**; **C01G 53/00**; **C08K 3/22**; **C09C 1/00**; **G11B 5/706**; **H01F 1/117**; **H01F 1/37**

IPC 8 full level

**C01G 3/00** (2006.01); **C01G 9/00** (2006.01); **C01G 45/00** (2006.01); **C01G 49/00** (2006.01); **C01G 51/00** (2006.01); **C01G 53/00** (2006.01); **C04B 35/26** (2006.01); **C08K 3/22** (2006.01); **C08K 3/24** (2006.01); **C09C 1/00** (2006.01); **C09C 1/22** (2006.01); **C09C 1/24** (2006.01); **C09D 5/23** (2006.01); **G11B 5/706** (2006.01); **H01F 1/117** (2006.01); **H01F 1/36** (2006.01); **H01F 1/37** (2006.01); **H01F 1/44** (2006.01)

CPC (source: EP US)

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Cited by

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